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IN THE UNITED STATES PATENT AND TRADEMÁRK OFFICE In re Application

Peter Geistlich et al.

Application No. 09/988,805

Group Art: 1617

Examiner: Unassigned

IECH CENTER 1600/2900

Filed: November 20, 2001

For:

RESORBABLE EXTRACELLULAR MATRIX FOR RECONSTRUCTION OF CARTILAGE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants submit herewith copies of publications that the Office may wish to consider in examination of the subject application. The publications are listed on the attached form PTO-1449.

The relevance of any foreign-language reference for which an English-language translation is not provided is as follows.

DE 196 54 884 A1 discloses a collagen structure.

FR 2 679 778 discloses a collagen structure.

WO 97/32616 has an English-language abstract.

This statement is being filed before the issuance of a first Office Action on the merits, and therefore, no fee or certification is necessary.

Respectfully submitted,

By _

George R. Repper, Registration No. 31,414 Attorney for Applicants ROTHWELL, FIGG, ERNST & MANBECK, p.c. 1425 K Street, N.W., Suite 800 Washington, D.C. 20005

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Enclosures

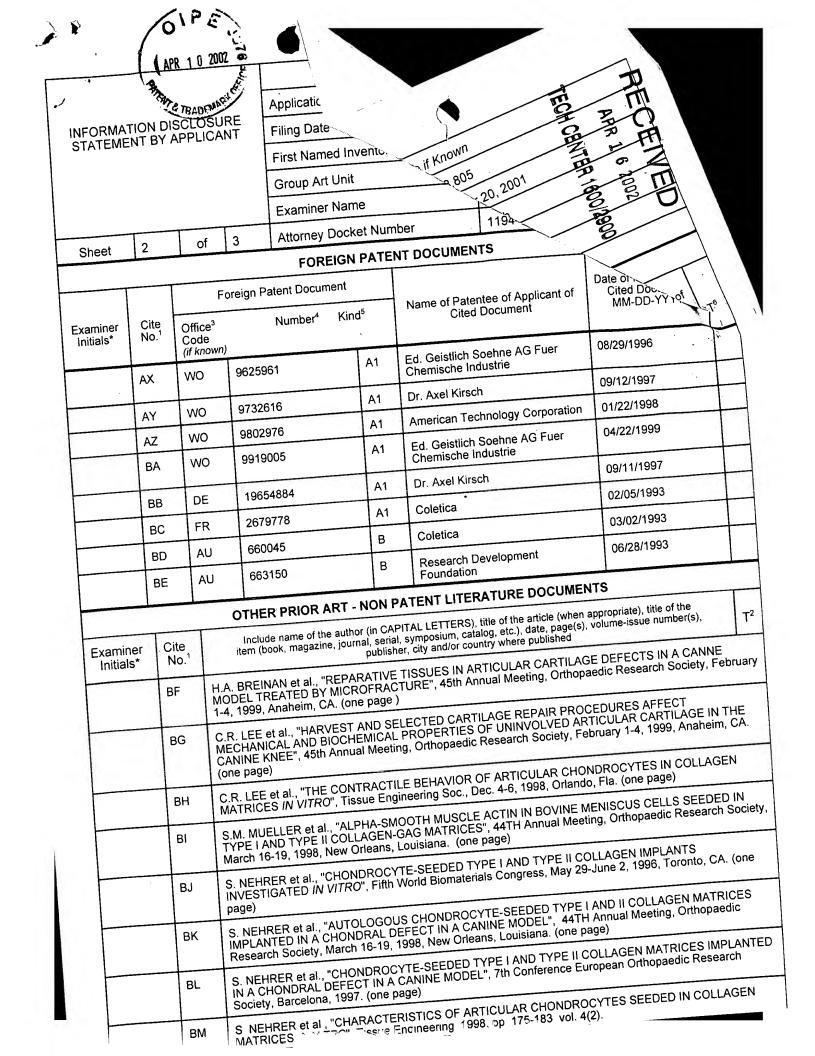
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				First Named Inventor	Peter Geistlich		6 2	7
				Group Art Unit	1617	00/2900	002	Щ
				Examiner Name	Unassigned	90		0
Sheet	1	of	3	Attorney Docket Number 1194-199				

			U.S. PATI	ENT DOCUMENTS		
		U.S. Patent D	ocument	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	
	Cite No.1	Number	Kind Code ² (if known)	of Cited Document		
	AA	5162430	А	RHEE et al.	11/10/1992	
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Examiner Cite No.1		Office ³ Code	Number⁴	Kind ⁵ (if known)	Name of Patentee of Applicant of Cited Document	Cited Document MM-DD-YYYY	T _e
	AP	wo	9005755	A1	Collagen Corporation	05/31/1990	
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	AR	wo	9213565	A1	Robert F. Shaw	08/20/1992	
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				First Named Inventor	Peter Geistlich	600,	2002	W
				Group Art Unit	1617	290		<u></u>
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	BN	S. NEHRER et al., "MATRIX COLLAGEN TYPE AND PORE SIZE INFLUENCE BEHAVIOUR OF SEEDED CANINE CHONDROCYTES", Biomaterials 18, (1997), pp. 769-776.					
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	BP	T.O. SCHNEIDER et al., "EXPRESSION OF α-SMOOTH MUSCLE ACTIN IN CANINE INTERVERTEBRAL DISC CELLS <i>IN SITU</i> AND IN COLLAGEN-GAG MATRICES <i>IN VITRO</i> ", J. Orthopaedic Research In press, pp. 1-22.					
	BQ	S. NEHRER et al., "CANINE CHONDROCYTES SEEDED IN TYPE I AND TYPE II COLLAGEN IMPLANTS INVESTIGATED <i>IN VITRO</i> ", J. Biomed. Mater. Res. (Appl. Biomater.), 1997, pp. 95-104, vol. 38, John Wiley & Sons, Inc.					
	BR	S.M. MUELLER et al., "α-SMOOTH MUSCLE ACTIN AND CONTRACTILE BEHAVIOR OF BOVINE MENISCUS CELLS SEEDED IN TYPE I AND TYPE II COLLAGEN-GAG MATRICES", J. Biomed. Mat. Res., 1999, pp. 1-10, vol. 45, John Wiley & Sons, Inc.					
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Examiner Signature		Date Considered					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.